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Fact Sheet

Chisman Creek Superfund Site
Grafton, York County, Va.
May 27, 1987

SITE BACKGROUND

The Chisman Creek site consists of four abandoned flyash pits covering approximately 36 acres along Wolftrap Road, Grafton, Va.

The study area includes portions of a 520-acre sub-watershed of the Chisman Creek Coastal Basin on the Virginia Peninsula, and the creek itself.

In 1980, a domestic well west of Pit C was reported producing discolored water. Subsequent investigations by the State Water Control Board (SWCB) and the Virginia Institute of Marine Science (VIMS) showed low level contamination of local ground water and sediment in Chisman Creek by heavy metals such as vanadium, selenium and arsenic. Residents whose wells were affected have been provided with connections to the municipal water system.

PAST ACTIONS

September, 1983 - Based on existing information from previous studies, the site was placed on the National Priorities List and targeted for cleanup under Superfund.

January, 1984 - EPA completed a workplan for a Remedial Investigation/Feasibility Study (RI/FS) of the Chisman creek site.

November, 1985 - EPA completed the RI document which confirmed the findings of the VIMS study and established a connection between the flyash pits and low level contamination of Chisman Creek and area ground water. No additional residential wells were found to be contaminated.

August, 1986 - Completion of the FS, which assesses the risks posed by the site and proposed cleanup options. Subsequent to this report, Virginia Power entered into discussions and negotiations with EPA, as they had previously requested, to perform the remediation called for in the Feasibility Study.

At this same time, the U.S. Fish and Wildlife Service was conducting a detailed study of the impact of the ash on the ecology of the ponds at the site, the streamlife and the creek itself.

May, 1987 - U.S. Fish and Wildlife completed their report which shows minor impacts to the ponds on site and little effect to the creek or the fish and shellfish.

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